

ABSTRACT

5 A lifting device, especially an elevator or a
lifting platform, is proposed having a displacement
unit (1, 6, 7, 8) for at least partly displacing a
load-receiving device vertically, the displacement unit
(1, 6, 7, 8) comprising at least one first drive motor
10 (1) having a first motor shaft (3) and in particular a
second drive motor (1) having a second motor shaft (3),
and also at least one first brake unit (2) arranged on
a first brake shaft (3) and a second brake unit (2)
arranged on a second brake shaft (3), and also at least
15 one first drive element (7) rotatable about a first
drive shaft (6) and intended for driving at least one
first traction element (8) loaded in tension, and a
second drive element (7) rotatable about a second drive
shaft (6) and intended for driving at least one second
20 traction element (8) loaded in tension, the traction
elements (8) being arranged in each case at least
between the drive shaft (6) and the load-receiving
device, with which lifting device the costs are reduced
or the operating safety is increased compared with
25 lifting devices of the prior art. This is achieved
according to the invention in that means are provided
for producing a continuously mechanical form fit, the
form fit comprising at least the first and the second
brake unit (2) and the first and the second drive
30 element (7).